



AGENDA *6d*
ITEM _____
DATE 10-5-09

City Council Report

Date: October 5, 2009
To: City Council
Through: Jack Friedline, Deputy City Manager
From: Elizabeth Huning, City Engineer
Subject: Shepherd Jr. High School Main Pool Replaster
1407 North Alta Mesa Drive
City Project 08-922-001
Council District 5

Strategic Initiatives



Purpose and Recommendation

The purpose of this report is to provide information to the Council on the results of the bids received for Project No. 08-922-001. The pool identified for replaster and rehabilitation with this project is the Main Pool at Shepherd Jr. High School (1407 N Alta Mesa Drive). Please refer to the attached Exhibit A for project locations.

It is recommended that the Council award this project to the low bidder, Shasta Industries Inc., for a total award of \$73,067.50.

Background

The existing pool plaster lining at Shepherd Junior High School has reached the end of its useful life and is due for replacement. This project will remove and replace the existing plaster linings on this pool and will upgrade the existing pool drains to meet the current requirements of the Maricopa County Environmental Services Department (MCESD).

Community Impact – Temporary impacts to the area will include construction noise and dust, and closure of the pool. Once work is started, project completion is anticipated within (45) forty-five calendar days.

Discussion

As pool plaster linings reach the end of their useful design life, they lose their bond to the underlying concrete and tend to flake making it necessary to limit or discontinue pool usage. Additionally, the surface of the pool plaster will become rough creating an unsafe condition for the users of the pool. A typical pool plaster coating will need

to be repaired or replaced every ten years as a standard maintenance procedure. The plaster at Shepherd Jr. High School Pool is original (installed in 1993) and is due for replacement. When pools are replastered they must also be upgraded to meet MCESD's requirements to improve existing pool drains.

Alternatives


An alternative would be to not replaster the pool. This is not recommended, since the existing plaster lining will continue to deteriorate and create an unsafe condition to the users of the pools. Also, the plaster protects the underlying concrete pool structure and if not properly maintained the existing underlying concrete structure could become damaged and reduce the life of the pool.

Fiscal Impact

The estimated cost of this project with the low bid is \$66,425.00 plus an additional \$6,642.50 (10% allowance for change orders) for a total award of \$73,067.50. This project is funded from the approved FY 09/10 Parks, Recreation and Commercial Facilities Operating Budget.

Coordinated With

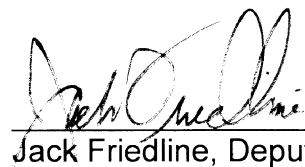
The Parks and Recreation Department concurs with this recommendation.



Kelly Jensen, Assistant City Engineer



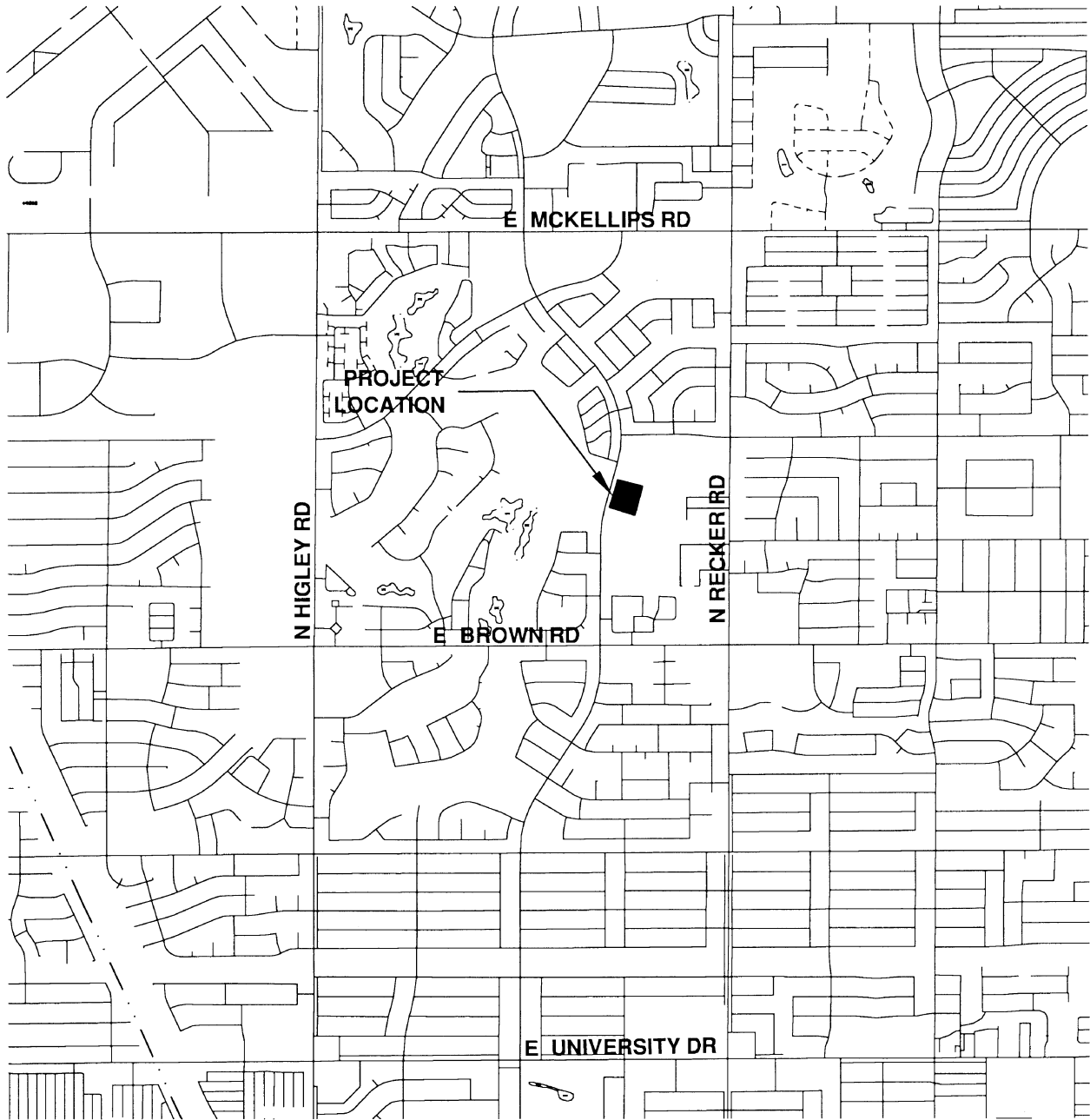
Beth Huning, City Engineer



Jack Friedline, Deputy City Manager



EXHIBIT "A"



DATE SAVED: 7/20/09 11:08-922-001 SHEPHERD JR HIGH POOL REPLASTER\CAD AND OTHER GRAPHICS\COUNCIL-MAP.DWG

**SHEPHERD JR HIGH SCHOOL
MAIN POOL REPLASTER
1407 N ALTA MESA DRIVE
PROJECT NO. 08-922-001**



CITY OF MESA
MESA, ARIZONA

SHEPHERD JR. HIGH SCHOOL MAIN POOL REPLASTER
1407 N. ALTA MESA DRIVE

PROJECT NO. 08-922-001

Tabulation of Bids Received, Thursday, September 3, 2009, at 1:00 P.M.

ENGINEER'S ESTIMATE	\$81,000.00
1. Shasta Industries, Inc.	\$66,425.00
2. CDC Pools, Inc.	\$73,069.89
3. Public & Commercial Pool Construction, Inc., dba Aquatic Builders	\$87,333.00